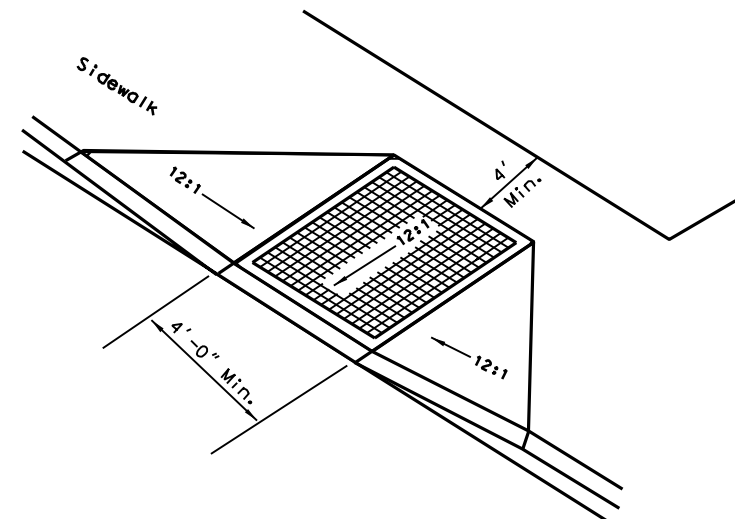
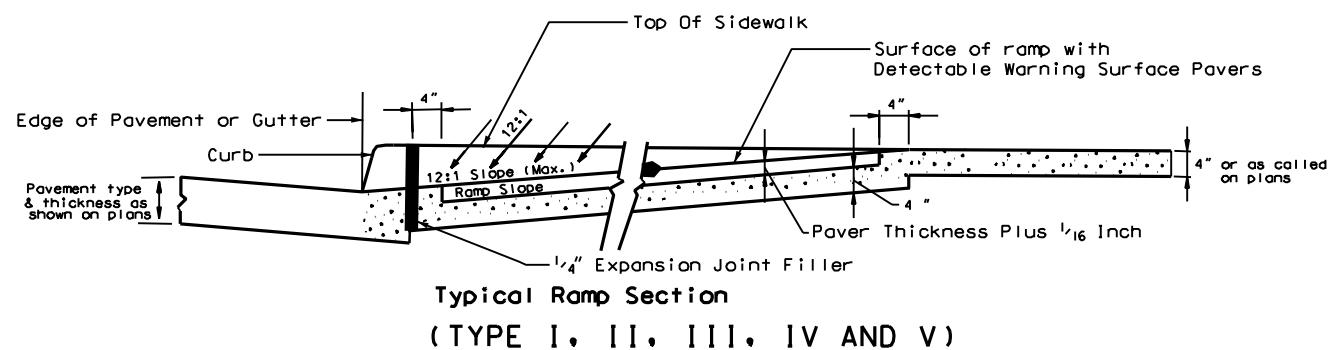
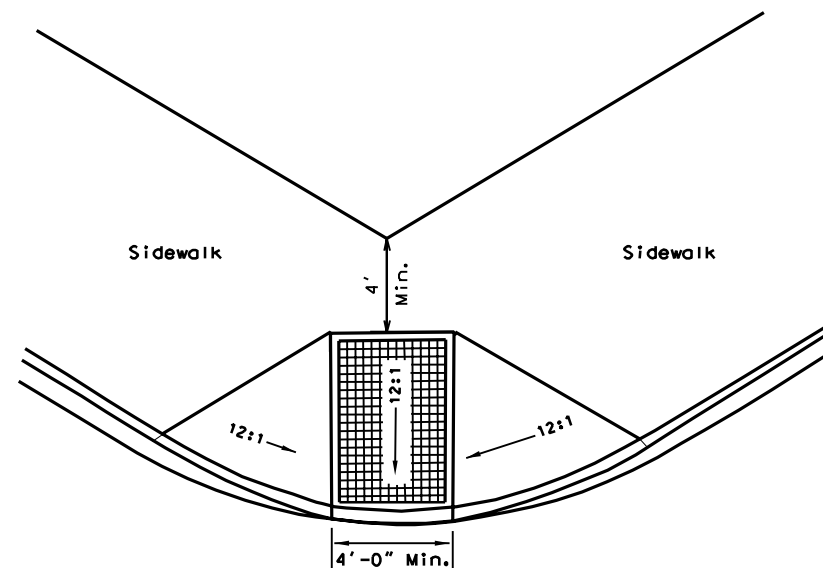


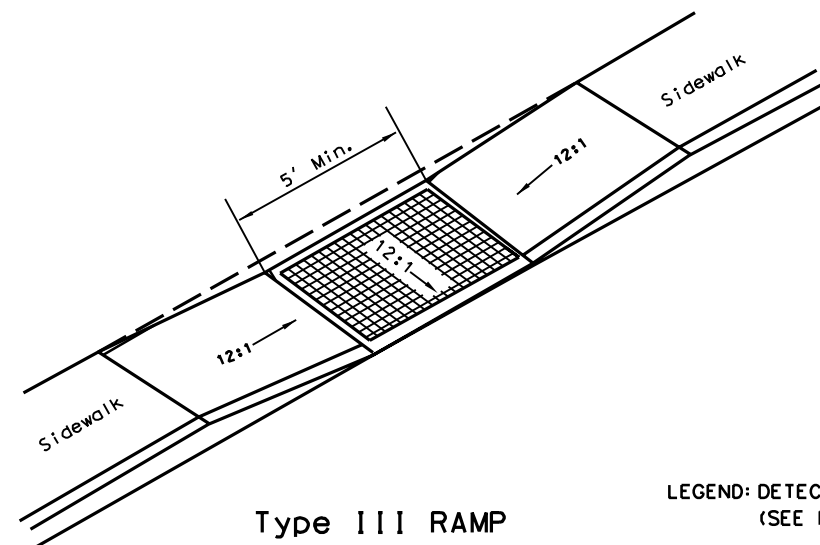
TYPICAL RAMP LAYOUT AT INTERSECTIONS



Type I RAMP

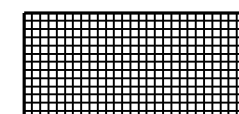


Type II RAMP



Type III RAMP

LEGEND: DETECTABLE WARNING SURFACE
(SEE PVT7 SHT. 2 OF 2)



NOTES

Ramp and flare slopes shall not be steeper than 12:1 unless otherwise shown or specified.

Ramp concrete shall meet the requirements of Section 609 of the Specifications. Ramp surface textures shall consist of a "Detectable Warning Surface" (See PVT7 Sht. 2 OF 2) As Shown For Each Ramp Type. A coarse broom finish, transverse to flare slopes, or equal non-skid finish shall be provided.

Normal gutter flow line and profile shall be maintained through the ramp area, unless otherwise shown or specified.

1/4" preformed expansion joint filler, meeting the requirements of Section 609 of the Specifications, shall be placed at all locations where curb contacts the ramp, the gutter line between the sidewalk ramp and concrete pavement for Type VI Ramps, and in addition, when the ramp is poured separately from the sidewalk, the expansion material shall be placed at all locations where the normal sidewalk and the ramp abut. Drainage structures shall not be placed in line with ramps.

Location of the ramp shall normally take precedence over location of the drainage structure, except where existing structures are being utilized in the new construction.

Payment for the construction of sidewalk ramps shall be included in the cost of the sidewalk per square yard.

The type of ramp to be used shall be as specified on the plans. The following can be considered guidelines in selecting ramp types, but are included here for information only.

If the 12:1 slope cannot be obtained due to grade of the adjacent roadway the sloped portion of the ramp shall be extended to a maximum length of 8'-0".

NORMAL RAMPS (For general use)

TYPE I

Ramp is for general use at intersections or anywhere in the block where the sidewalk extends to the curb side.

TYPE II

Ramp is for general use at intersections, especially where pedestrians are allowed to cross diagonally.

SPECIALTY RAMPS (For occasional use where space is limited or obstructions unavoidably encountered)

TYPE III

Ramp is for use where a narrow width sidewalk exists or is necessary, and widening of the sidewalk is not feasible.

TYPE IV SHT. PVT7 2 OF 2

Ramp is for use where wheelchair access can occur from only one side of the ramp.

TYPE V SHT. PVT7 2 OF 2

Ramp is for use where features of Ramp Types III and IV must be combined.

TYPE VI SHT. PVT7 2 OF 2

Ramp is for use in areas where the sidewalk is set back from the street, and wheelchair access from either side of the ramp is not likely to occur because the side approach area is unpaved; i.e. covered by grass, gravel, etc. Also ramp is for use where area for providing ramp is very limited due to obstructions on both sides of the ramp.

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SPECIAL DETAIL

Prepared 7-1-99
REVISION DATE

SIDEWALK RAMPS

(SHEET 1 OF 2)

SPECIAL DETAIL SHEET PVT7